

SECRET

PRIORITY

1967 AUG 11 01 32Z

OUT 62846

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P 110042Z AUG 67  
FM NPIC WASHDC  
TO AIG NINE SEVEN FIVE  
BT  
SECRET CITE NPIC 1504

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF  
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-972, DATED 8 AUG 67.

((TEXT OF MESSAGE IDENTICAL TO ABOVE CITED MISSION))

SECRET

//END OF MESSAGE//

S/C NOTE: ALSO PASSED



Declass Review by NGA

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3	OSD
	ITD
	FD
	PSD
	PSD-ICB
	TID
4	IAD
5	PAG
	DIAXX-4
	SPAD
	NSA-LO

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\*w/ text

SECRET

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

Approved For Release 2006/11/08 : CIA-RDP78B03817A000700040054-5

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-972, DATED 8 AUG 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--  
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@,  
H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC  
@GROUND COVER@, CF @CAMOUFLAGED@, O @OBLIQUITY@, AND  
GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS  
G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF  
TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@  
OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED  
BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT  
@21-75 MM@, MEDIUM @76-100 MM@, HEAVY @OVER 100 MM@, AND AUTOMATIC  
WEAPONS @ZPU-1, ZPU-2, AND ZPU-4@. IF THE CATEGORY CANNOT BE  
DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER  
OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

HOLGUIN SAM SITE WEST CU 2051N 07627W  
OB -- NONE OBSERVED.  
CONSTRUCTION CONTINUES.

MARIEL SAM SITE 2 A30-2 CU 2300N 08248W  
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 9 MISSILE  
TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN  
TRAILERS, A SPOON REST RADAR WITH GENERATOR VAN, 9 AT-S  
TRACKED PRIME MOVERS, 10 ZIL-157V TRUCK TRACTORS, 9  
CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, AND 1 OTHER VAN  
TRAILER.  
ACTIVITY -- 4 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W  
OB -- 6 EMPLACED LAUNCHERS @4 WITH MISSILES@, 10  
MISSILE TRANSPORTERS, AN OCCUPIED GUIDANCE AREA WITH  
FAN SONG RADAR, 2 VAN TRAILERS, AND SHED-COVERED  
EQUIPMENT, 9 AT-S TRACKED PRIME MOVERS, 9 ZIL-157V  
TRUCK TRACTORS, 10 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE,  
3 OTHER VAN TRAILERS, AND 1 CARGO TRAILER. TWO  
ADDITIONAL LAUNCHERS @1 WITH MISSILES@ IN TRAINING MODE  
ARE ADJACENT TO SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO DE CUBA SAM SITE 2 CU 1958N 07549W  
CONSTRUCTION CONTINUES ON 6 LAUNCH POSITIONS, A  
GUIDANCE POSITION, AND ASSOCIATED BUILDINGS.

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OB -- NONE OBSERVED.

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SANTIAGO SAM TRAINING AREA CU 1958N 07551W

OB -- 10 CARGO TRUCKS AND 2 VAN TRAILERS.  
NO APPARENT CHANGE IN FACILITIES.

MOA SAM SITE CU 2039N 07458W

SITE IS VACATED.

NO EQUIPMENT OR FACILITIES OBSERVED.

GUANAJAY CRUISE-MISSILE SITE CU 2256N 08239W

SITE REMAINS ABANDONED.

ACTIVITY -- 6 CARGO TRUCKS AND 2 VAN TRUCKS ADJACENT TO  
THE SITE.

#### AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W

OB -- 1 CRATE, 2 COLT, 1 LIASION, AND 12 HOUND.

ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.

ANTONIO MACEO AIRFIELD CU 1958N 07550W

OB -- 1 COOT, 1 CRATE, 1 L-47, 2 MORAVA L-200, AND 1  
HOUND.

SAN ANTONIO DE LOS BANCOS AIRFIELD CU 2252N 08230W

OB -- 30 FISHBED, 7 FARMER, 2 FRESCO, 3 FAGOT, AND 1  
HOUND.

JAIME GONZALES AIRFIELD CU 2209N 08024W

OB -- 1 COOT WITHOUT OUTER WING PANELS.

BAYAMO AIRFIELD EAST CU 2022N 07637W

OB -- 4 COLT, 1 SMALL LIAISON, AND 4 HOUND.

BAYAMO AIRFIELD CU 2023N 07637W

OB -- NONE OBSERVED.

#### NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION CU 2259N 08244W

OB -- 1 KRONSHADT-CLASS PC, 6 S.O. 1-CLASS SC, AND 6  
PC.

OTHER VESSELS -- 1 LARGE FREIGHTER.

CIENFUEGOS NAVAL BASE CU 2208N 08027W

OB -- 2 KRONSHADT-CLASS PC, 5 P-6 CLASS PT 01 ON

MARINE RAILWAY, 4 P-4 CLASS PT, 1 YPT, AND 2 YP.

ACTIVITY -- NEW OCCUPIED 6-GUN AAA SITE LOCATED AT UTM

17QNO537523.

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SANTIAGO DE CUBA NAVY BASE AND PORT CU 2201N 07550W

OB -- NONE OBSERVED.

OTHER VESSELS -- 6 FREIGHTERS AND 2 TANKERS.

ELECTRONICS/COMMUNICATIONS

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W

SITE CONTAINS 4 BUILDINGS AND 9 LARGE TENTS.

OB -- NONE OBSERVED.

ACTIVITY -- 10 VAN TRUCKS, 4 CARGO TRUCKS, 17 OTHER VEHICLES, AND 1 OCCUPIED 6-GUN AAA SITE.

LA SOCAPA LOW SIEVE RADAR SITE CU 1958N 07552W

OB -- 1 LOW SIEVE RADAR.

SAN ANTONIO DE LOS BANOS EW/GCI RDR SITE CU 2252N 08230W

OB -- 1 BAR LOCK, 1 SPOON REST, 1 VAN TRUCK, 4 VAN TRAILERS, AND 2 GENERATOR VANS.

MILITARY ACTIVITY

GUANAJAY MILITARY CAMP MARTIN MESA CU 2257N 08243W

OB -- 5 TANKS/SP GUNS, 68 FA PIECES, 24 MORTARS, 95 CARGO TRUCKS, 2 VAN TRUCKS, 6 UTILITY TRUCKS, AND 4 CARGO TRAILERS.

NO APPARENT CHANGE IN FACILITIES.

GUANAJAY DRIVE-THROUGH BUNKER CU 2256N 08239W

FACILITIES AT THE DRIVE-THROUGH BUNKER INCLUDE 2 CAVE/STORAGE ENTRANCES, 5 ARCH-ROOFED STORAGE BUNKERS UNDER CONSTRUCTION, 4 STORAGE SHEDS, AND 4 SUPPORT BUILDINGS.

OB -- NONE OBSERVED.

ACTIVITY -- 2 OCCUPIED 3-GUN AAA SITES AND 1 OCCUPIED 6-GUN AAA SITE.

LA FLORA MILITARY CAMP CU 2252N 08233W

OB -- 49 BTR 60-P, 48 FA PIECES, 6 AAA PIECES, 12 MORTARS, 122 CARGO TRUCKS, 4 VAN TRUCKS, 6 UTILITY TRUCKS, AND 1 CRANE.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

MANICARAGUA STORAGE AREA CU 2206N 07958W

FENCED AREA CONTAINS 4 STORAGE BUNKERS WITH DOUBLE ENTRANCES, 2 STORAGE BUNKERS EACH WITH A SINGLE ENTRANCE, 1 PROBABLE DRIVE-THROUGH BUNKER, 2 REVETTED BUILDINGS, 1 PARTIALLY REVETTED BUILDING, 3 PROBABLE

GUARD SHACKS AT THE ROAD ENTRANCES, AND 3 GUARD TOWERS.

OB -- NONE OBSERVED.

[REDACTED]  
SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 2801N 07547W  
OB -- 14 FA PIECES, 15 AAA PIECES/MORTARS, 33 CARGO  
TRUCKS, AND 10 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

[REDACTED]  
SPECIAL AREA VERMONT CU 2301N 08248W  
NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]  
SPECIAL AREA OREGON CU 2259N 08244W  
NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]  
MAR VERDE LANDING BEACH CU 1957N 07556W  
NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]  
OTHER ACTIVITY

SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER CU 1959N 07550W  
LOCATED 0.1 NM WSW OF SANTIAGO MILITARY CAMP SW AT  
19-59-55N 075-50-40W GUTM 18QVT117114H.  
DRIVE-THROUGH EARTH-COVERED BUNKER IS APPROXIMATELY 80  
FT LONG AND 15 FT WIDE WITH A POSSIBLE VENTILATOR ON  
THE ROOF.

NO ACTIVITY OBSERVED.  
NO APPARENT CHANGE IN THIS INSTALLATION SINCE GLASS  
LAMP MISSION G-956, 12 APRIL 1967.  
QMAP REFERENCE -- AMS SERIES E723, SHEET 5075-IV, 30

[REDACTED]

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